


Public Health Department

*Rec'd
J. Gordon Hailwood*



ANNUAL REPORT

ON THE HEALTH OF THE

West Lancashire Rural District

DURING THE YEAR

1964

BY

J. GORDON HAILWOOD, M.D., Ch.B., M.R.C.S.,

L.R.C.P., D.P.H.

Medical Officer of Health.

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WEST LANCASHIRE RURAL DISTRICT COUNCIL

1964

ChairmanMr. W. E. Long, J.P.

Vice-ChairmanMr. G. Ainscough

Aintree	....	....	....	....	....	....	....	F. T. Goudie N. Highet G. W. Hornby T. R. Lewis R. Martland
Altcar	....	....	....	....	....	....	....	W. H. Storey
Aughton	....	....	....	....	....	....	....	R. C. Andrews G. H. McElroy, M.A. Mrs. E. Parry, J.P. W. E. Rothwell
Bickerstaffe	....	....	....	....	....	....	....	J. Heyes J. Stockley
Bispham	....	....	....	....	....	....	....	J. J. Dickinson
Downholland	....	....	....	....	....	....	....	R. J. Kirby
Halsall	....	....	....	....	....	....	....	J. P. Cropper A. P. Trower, J.P.
Hesketh-with-Becconsall	....	....	....	....	....	....	....	W. Cookson, J.P.
Ince Blundell	....	....	....	....	....	....	....	E. C. Sturmey
Lydiate	....	....	....	....	....	....	....	Miss M. J. Barnes, J.P. J. R. Harrison, J.P. E. O. Thomas
Maghull	....	....	....	....	....	....	....	D. E. Atkins J. R. Broadbent W. A. Brown C. J. Currall A. W. Glenn H. M. D. Hayens W. W. Kenney Mrs. B. E. Long W. E. Long, J.P. Mrs. W. M. Mitchell H. S. Moreton, J.P. J. G. Smith
Melling	....	....	....	....	....	....	....	H. Sergeant S. W. Woods
Netherton	....	....	....	....	....	....	....	T. W. Highet
North Meols	....	....	....	....	....	....	....	H. Cropper, J.P. J. Schwartzman
Rufford	....	....	....	....	....	....	....	Mrs. V. A. Haigh
Scarisbrick	....	....	....	....	....	....	....	G. Ainscough G. F. Swarbrick
Sefton	....	....	....	....	....	....	....	J. H. Ellison W. Stubbs
Simonswood	....	....	....	....	....	....	....	J. Rimmer
Tarleton	....	....	....	....	....	....	....	J. Hunter P. Rimmer
Thornton	....	....	....	....	....	....	....	R. Phillips J. R. Price

HEALTH COMMITTEE

Mr. A. P. TROWER, J.P.....Chairman

Mr. T. R. LEWIS.....Vice-Chairman

All Members of the Council

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

J. GORDON HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health

J. O'GORMAN, M.B., B.Ch., B.A.O., D.P.H.

Public Health and Meat Inspectors

ROBERT W. BINGHAM, Chief Inspector

J. HAILWOOD

H. JACOBS

Housing Survey Assistant

F. PENNINGTON

Clerical Staff

Mrs. J. CLAGUE

All are whole-time Officials

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE

Ladies and Gentlemen,

I have the honour to present my Annual Report on the health of West Lancashire.

The health of the district has remained good throughout the year. Although there were 920 cases of infectious diseases notified, 847 of these were measles, occurring mainly towards the end of the year. There were 30 cases of whooping cough and 26 cases of scarlet fever, but no cases of poliomyelitis or diphtheria. At present there are trials being conducted with a newly developed prophylactic against measles, of which the reports are very promising. It is hoped that a vaccine will be produced in the near future, which will be available to immunise young children against measles and thereby reduce the incidence of a disease which, although mild in the vast majority of cases, still causes some resultant chest illnesses and certainly much disruption of schooling.

The Rural District is steadily increasing in population and the number of inhabitants is now estimated to be 61,870, an increase of some 5,000 since the 1961 census. The number of births and deaths, however, tend to remain static. The birth rate was 19 per 1,000 population, compared with 19.2 in 1963 and represents a total of 1,328 births.

There was, however, an increase in the infant mortality rate, which went up from 19.5 in 1963 to 24.5 per 1,000 live births. However, of the 32 deaths of infants under one year, 26 took place in the first four weeks of life and most of these were probably unavoidable.

The general death rate was 11.5 per 1,000 population, compared with 11.6 in 1963. This represents a total of 579 deaths. There were again no maternal deaths.

Housing conditions continue to improve. 534 new houses were completed during the year, of which 490 were built by private enterprise and 34 by local authorities. 17 houses were demolished as unfit for human habitation under the Housing Act, but a further 165 were found to be unfit but capable of being rendered fit.

The staff of the Public Health Department have maintained their high standard of work during the year. They made 3,162 inspections throughout the year, during which 300 nuisances were found and 271 were abated. In addition, Public Health Inspectors had additional responsibilities put upon them in inspecting offices and shops under the Offices, Shops and Railway Premises Act, 1963. This Act required many visits and interviews in order to compile a register of premises and an interesting list of such registered premises appears at the end of this Report. From this it will be seen that there are 335 such premises in the Rural District, employing a total of 2,531 employees.

Finally, I would thank the Chairman and members of the Health Committee for their interest and support during the year and the members of the staff for their ready help and co-operation at all times.

I am your obedient servant,

J. G. HAILWOOD,

May, 1965

Medical Officer of Health.

Section A

STATISTICS OF THE AREA FOR 1964

Area of the District (acres)	65,620
Population (Registrar General's Mid-1964 Estimate)	61,870
Number of inhabited houses according to Rate Books	19,885
Rateable Value	£1,929,944
Sum represented by a Penny Rate	£7,754

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Live Births	681	625	1306
Live Birth rate per 1,000 population	—	—	19.0
Illegitimate live births per cent of total live births	—	—	3.06
Still Births	7	15	22
Still birth rate per 1,000 live and still births	—	—	16.6
Total Live and Still Births	688	640	1328
Deaths	315	264	579
Death rate per 1,000 population	—	—	11.5
Infant Deaths	20	12	32
Infant mortality rate per 1,000 live births	—	—	24.5
Infant mortality rate per 1,000 live births legitimate	—	—	23.7
Infant mortality rate per 1,000 live births illegitimate	—	—	50.0
Neo-Natal mortality rate per 1,000 live births (first four weeks)	—	—	20.7
Early Neo-natal mortality rate per 1,000 live births (first week)	—	—	17.6
Perinatal mortality rate per 1,000 live and still births (stillbirths and deaths under 1 week combined)	—	—	33.9
Maternal deaths (including abortion)	—	—	—
Maternal mortality rate per 1,000 live and still births	—	—	—

NOTES ON VITAL STATISTICS

Births

There were 1,306 births recorded during the year, of which 681 were male and 625 female ; and including 40 illegitimate births 25 male and 15 female. The crude birth rate was 21.1 per 1,000 population. The adjusted birth rate per 1,000 population (comparability factor 0.90) was 19.0 compared with 19.2 in 1963. The birth rate for England and Wales was 18.4.

Still Births

The number of still births during 1964 was 22, of which 7 were male and 15 female. This is equivalent to a rate of 16.6 per 1,000 live and still births. One of these births was illegitimate.

Deaths

The total number of deaths registered during 1964 was 579, an increase of 10 over the previous year.

The crude death rate was 9.4 per 1,000 population. The adjusted death rate (comparability factor 1.23) was 11.5 per 1,000 population, compared with 11.6 in 1963. The death rate for England and Wales was 11.3.

Maternal Mortality

Owing to the fact that there were no deaths connected with child-birth, the Maternal Mortality rate per 1,000 births (live and still) was Nil.

Infant Mortality

There were 32 deaths of infants under one year of age, giving an Infant Mortality rate of 24.5 per 1,000 live births, an increase on the figure for 1963 which was 19.5. The rate for England and Wales was 20.0.

Causes of Death in the West Lancashire Rural District 1964

						<i>Male</i>	<i>Female</i>
Tuberculosis of the Respiratory System	....	....				1	—
Other forms of Tuberculosis	....	....	....	....		—	1
Syphilitic Diseases	....	....	....	....	....	—	—
Diphtheria	....	....	....	....	....	—	—
Whooping Cough	....	....	....	....	....	—	—
Meningococcal Infections	....	....	....	....	....	—	—
Acute Poliomyelitis	....	....	....	....	....	—	—
Measles	....	....	....	....	....	1	—
Other infective and parasitic diseases	....	....				—	—
Malignant neoplasm—							
Stomach	....	....	....	....	....	3	8
Lung, bronchus	....	....	....	....	....	21	7
Breast	....	....	....	....	....	—	6
Uterus	....	....	....	....	....	—	5
Other malignant and lymphatic neoplasms	....	....				31	27
Leukaemia, aleukaemia	....	....	....	....	....	1	2
Diabetes	....	....	....	....	....	1	1
Vascular lesions of nervous system	....	....	....	....	....	38	33
Heart Diseases	....	....	....	....	....	112	101
Influenza	....	....	....	....	....	2	1
Pneumonia	....	....	....	....	....	18	17
Bronchitis	....	....	....	....	....	12	3
Other diseases of respiratory system	....	....	....	....	....	3	1
Ulcer of stomach and duodenum	....	....	....	....	....	1	—
Gastritis, enteritis and diarrhoea	....	....	....	....	....	—	2
Nephritis and nephrosis	....	....	....	....	....	3	1
Hyperplasia of prostate	....	....	....	....	....	4	—
Pregnancy, childbirth, abortion	....	....	....	....	....	—	—
Congenital malformations	....	....	....	....	....	5	3
Other defined and ill-defined diseases	....	....	....	....	....	41	28
Motor vehicle accidents	....	....	....	....	....	9	3
All other accidents	....	....	....	....	....	6	12
Suicide	....	....	....	....	....	2	2
Homicide and operations of war	....	....	....	....	....	—	—
						<hr/> 315	<hr/> 264

Section B

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

HOSPITAL ACCOMMODATION

There are no General Hospitals in the District, but patients are accommodated in the Ormskirk & District General Hospital, which has a Maternity Block, or in the hospitals of the adjacent towns of Liverpool, Southport and Preston.

All infectious disease cases are admitted where necessary to the Fazakerley Isolation Hospital, Liverpool, or to the New Hall Isolation Hospital, Scarisbrick.

AMBULANCE

Ambulance Services are provided by the Lancashire County Council from Stations at Burscough, Crosby, Formby and Maghull. In general, an ambulance can reach any part of the Rural District within 15 minutes.

SUMMARY OF ADMISSIONS TO HOSPITAL OF INFECTIOUS DISEASES FROM THE WEST LANCASHIRE RURAL DISTRICT DURING THE YEAR 1964

Admissions from West Lancashire :—

Dysentery	....	....	....	....	....	3
Measles	....	....	....	....	....	15
Meningococcal Infection			....	....	....	1
Para-typhoid Fever	....	....	....	....		1
Puerperal Pyrexia	....	....	....	....		1
					—	21
					—	

These admissions were from the following Townships :—

Aintree	....	....	....	One case of Puerperal Pyrexia.
Altcar	....	....	....	One case of Measles
Aughton	....	....	....	Two cases of Measles
Lydiate	....	....	....	Two cases of Measles One case of Dysentery
Maghull	....	....	....	Ten cases of Measles
Melling	....	....	....	One case of Dysentery
Rufford	....	....	....	One case of Dysentery
Thornton	....	....	....	One case of Meningococcal Infection One case of Para-typhoid Fever.

DISINFECTION

Disinfection of bedding and clothing is carried out by steam disinfection at either Crosby or Southport by arrangement with these Local Authorities. The articles are conveyed in a van owned by the West Lancashire R.D.C. and the service is also provided for Ormskirk U.D.C. on a percentage of costs basis.

DETAILS OF WORK CARRIED OUT

West Lancashire R.D.C.

					<i>Disinfections</i>	<i>Disinfestations</i>
Journeys	....	....	....	....	9	46
Rooms sprayed	....	....	....	....	8	31
Houses	....	....	....	....	2	5
Articles taken for disinfection	....	....	....	....	31	8

Other Journeys

Drain clearing	....	....	....	....	201
Removal of condemned food	....	....	....	....	17
Library Books Disinfection	....	....	....	....	36

Ormskirk U.D.C.

					<i>Disinfections</i>	<i>Disinfestations</i>
Journeys	....	....	....	....	2	2
Rooms sprayed	....	....	....	....	6	4
Houses	....	....	....	....	1	1

BIRTHS AND DEATHS IN TOWNSHIPS

The following table shows the population, number of births and deaths, and the rate per 1,000 in each township in the Rural District for the year 1964 :—

TOWNSHIP	Estimated Population middle of 1964	BIRTHS		DEATHS	
		No. of Births	Rate per 1,000	No. of Deaths	Rate per 1,000
Aintree	7,008	150	21·4	38	5·4
Altcar	1,382	21	15·1	8	5·7
Aughton	6,202	101	16·2	62	9·9
Bickerstaffe	1,374	17	12·3	12	8·7
Bispham	242	4	16·5	2	8·2
Downholland	868	13	14·9	9	10·3
Halsall	2,164	32	14·7	25	11·5
Hesketh Bank	1,967	35	17·7	22	11·1
Ince Blundell	564	7	12·4	2	3·5
Lydiate	5,106	118	23·1	38	7·4
Maghull	18,716	498	26·6	162	8·6
Melling	2,587	75	28·9	17	6·5
Netherton	334	8	23·9	3	8·9
North Meols	2,622	49	18·6	29	11·0
Rufford	1,406	26	18·4	22	15·6
Scarisbrick	3,287	59	17·9	48	14·6
Sefton	422	8	18·9	8	18·9
Simonswood	234	6	25·6	2	8·5
Tarleton	3,179	51	16·0	40	12·5
Thornton	2,206	28	12·6	30	13·5
Whole District	61,870	1306	21·1	579	9·3

DISTRICT NURSES

- Mrs. C. A. Tiernan, 66 Whalley Drive, Aughton. Tel. No. Aughton Green 2101.
- Miss N. Ball, 214, Liverpool Road South, Burscough. Tel. No. Burscough 3356.
- Mrs. O. Trafford, 10, Bellair Avenue, Great Crosby. Tel. No. Gt. Crosby 3770.
- Miss M. Hutchinson, 2, Glenholm Road, Maghull. Tel. No. Maghull 1828.
- Mrs. B. Stephens, 21, Buckingham Road, Maghull. Tel. No. Maghull 2960.
- Mrs. M. Monaghan, 15 Eskdale Drive, Maghull. Tel. No. Maghull 3649.
- Miss W. Schofield, "Lyndeth," Waddicar Lane, Melling. Tel. No. Kirkby 2149.
- Mr. J. Chapman, 94 Park Lane, Netherton. Tel. No. Aintree 1255.
- Mrs. L. Bishop, "Quarry House," Southport Road, Scarisbrick. Tel. No. Halsall 336.
- Miss M. Catterall, 35 Hillcrest Drive, Tarleton. Tel. No. Hesketh Bank 580.
- Mrs. P. M. Siddall, 10, Maxwell Place, Liverpool 13.

DISTRICT MIDWIVES

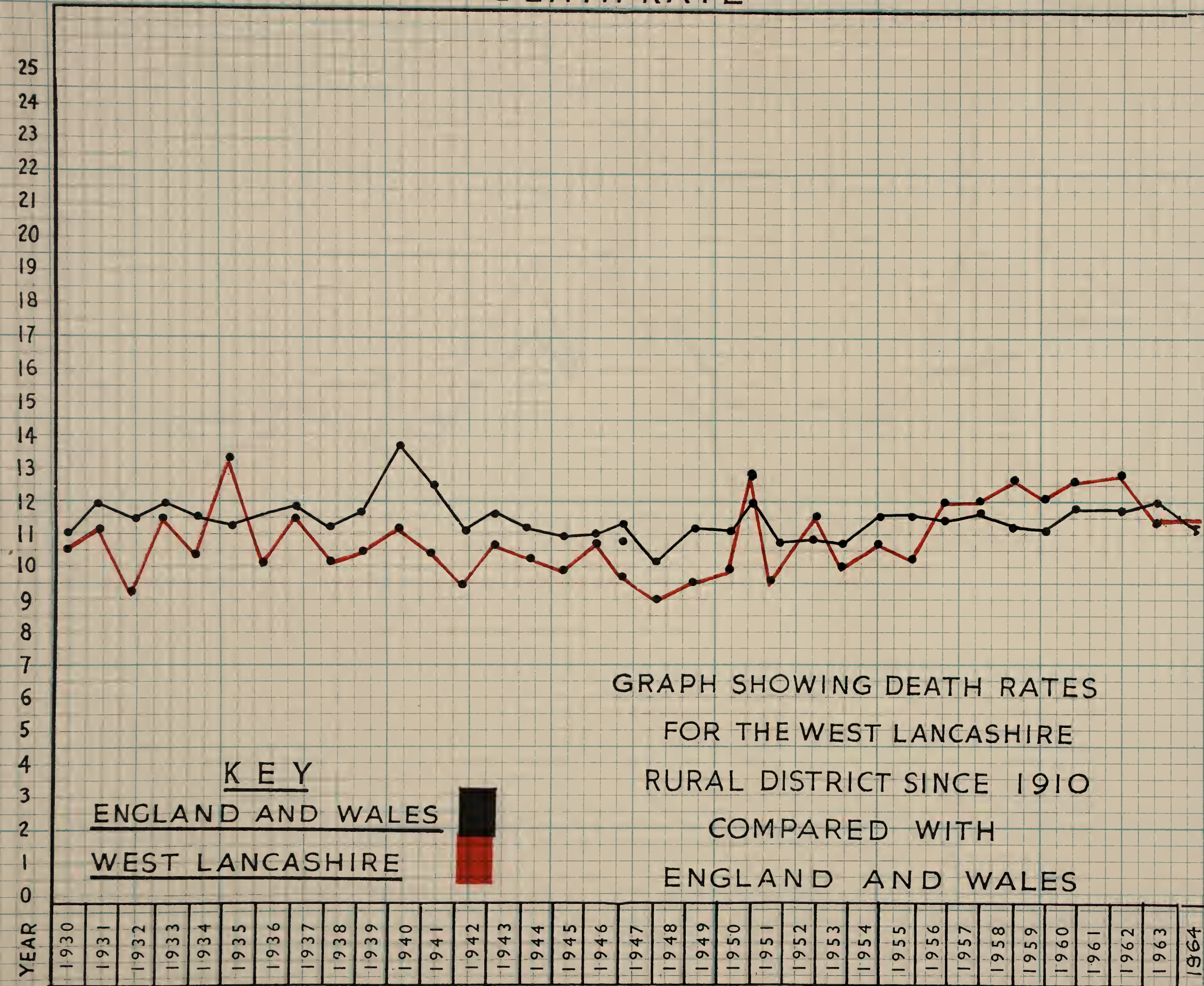
- Mrs. K. M. Deakin, 20 Brendale Avenue, Maghull. Tel. No. Maghull 2409.
- Miss M. Jones, 26 Mayfayre Avenue, Lydiate. Tel. No. Lydiate 3186
- Mrs. M. M. Ashcroft, 60 Grimshaw Lane, Ormskirk
Tel. No. Ormskirk 2948
- Mrs. P. D. Loyden, 20 Smithy Lane, Holmeswood, Rufford
Tel. No. Rufford 339
- Miss J. Sowerbutts and Miss J. Tingay, 120 School Lane, Skelmersdale. Tel. No. Skelmersdale 2646.

SCHOOL CLINICS

Litherland Clinics— SEFTON ROAD

Monday	....	....9-30—12 a.m.	Dental.
		2-00—4 p.m.	Dental.
Tuesday	....	....9-30—12 a.m.	Minor Ailments
		9-30—12 a.m.	Dental
		9-30—12 a.m.	Ophthalmic
Wednesday	....	....9-30—12 a.m.	Dental.
		2-00—4 p.m.	Child Welfare
Thursday	....	....9-30—12 a.m.	Ophthalmic. Eye Specialist.
		9-30—12 a.m.	Dental.
		2-00—4 p.m.	Dental. Alternative Weeks.
		2-00—4 p.m.	Ante-natal.
Friday	....	....9-30—12 a.m.	Minor Ailments.

DEATH RATE



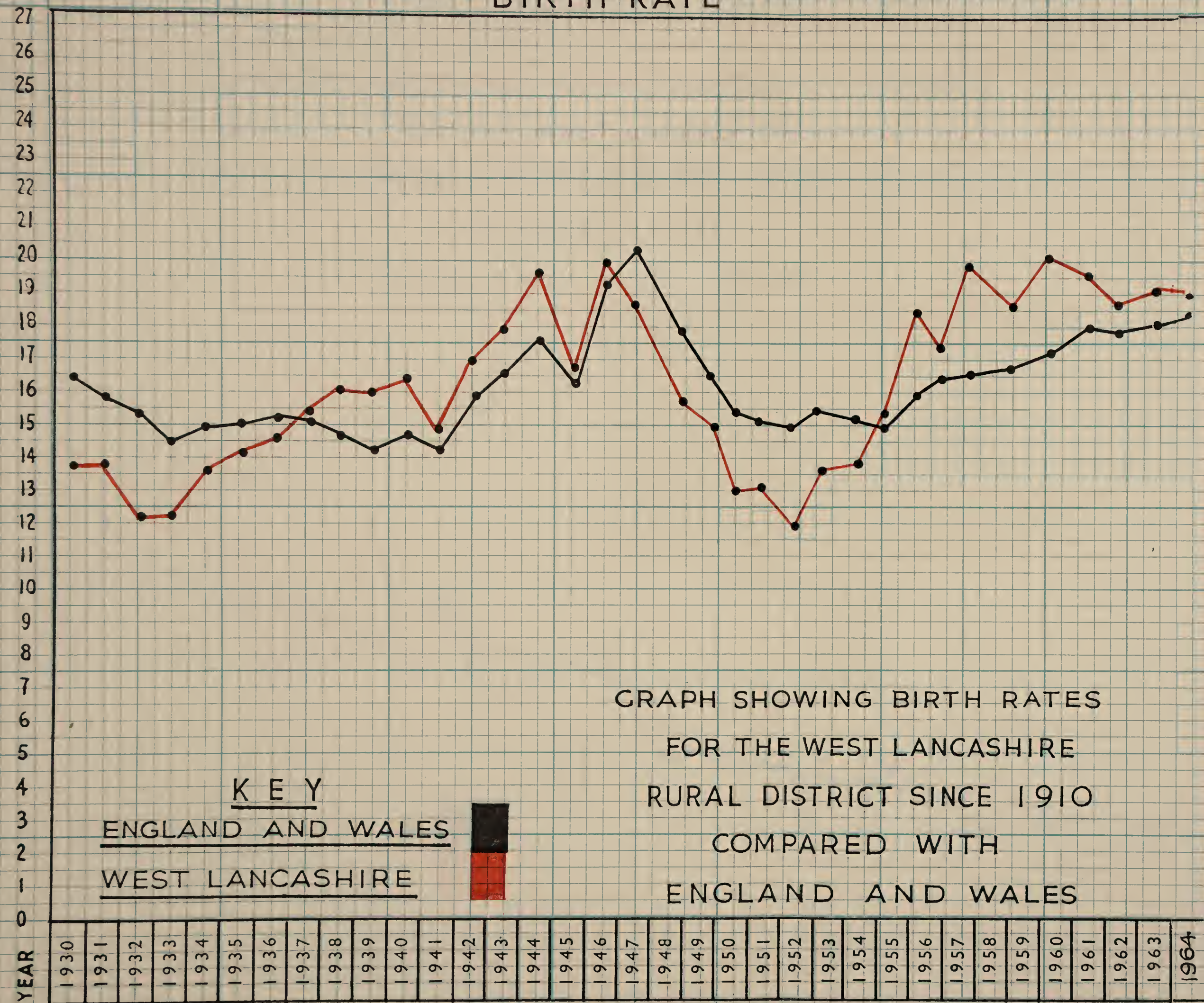
GRAPH SHOWING DEATH RATES
FOR THE WEST LANCASHIRE
RURAL DISTRICT SINCE 1910
COMPARED WITH
ENGLAND AND WALES

KEY

ENGLAND AND WALES

WEST LANCASHIRE

BIRTH RATE



GRAPH SHOWING BIRTH RATES
FOR THE WEST LANCASHIRE
RURAL DISTRICT SINCE 1910
COMPARED WITH
ENGLAND AND WALES

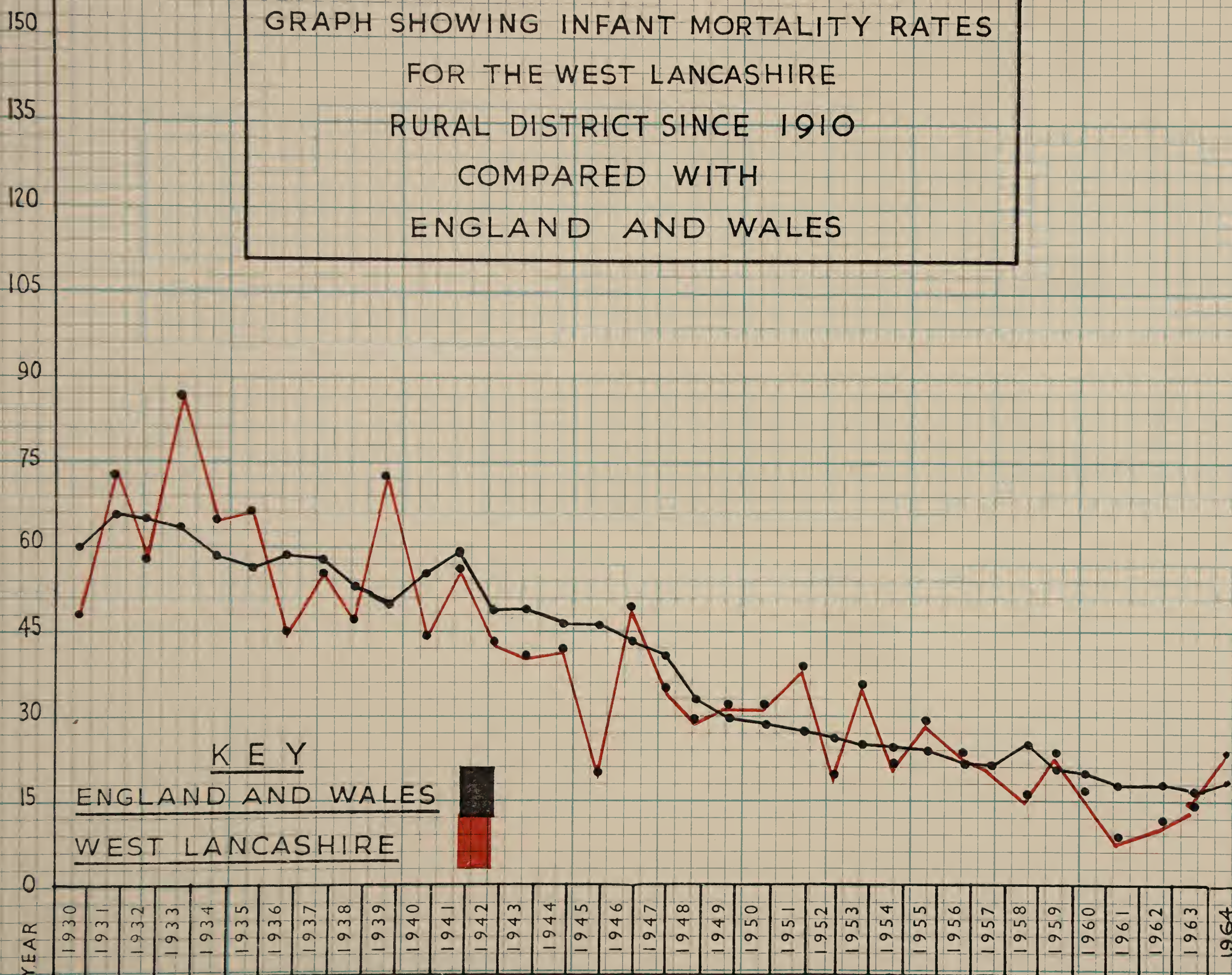
KEY

ENGLAND AND WALES

WEST LANCASHIRE

INFANT MORTALITY RATE

GRAPH SHOWING INFANT MORTALITY RATES
FOR THE WEST LANCASHIRE
RURAL DISTRICT SINCE 1910
COMPARED WITH
ENGLAND AND WALES



SEFTON AVENUE

Monday	....	....9-30—12 a.m.	Orthopaedic
		2-00—4 p.m.	Child Welfare
Tuesday	....	....p.m.	Relaxation.
Wednesday	....	....9-30—12 a.m.	Orthopaedic
		2-00—4 p.m.	Chiropody.
Thursday	....	....9-30—12 a.m.	Orthopaedic
		2-00—4 p.m.	Chiropody.
Friday	....	....9-30—12 a.m.	Speech Therapy.
		2-00—4 p.m.	Speech Therapy.

MAGHULL CLINIC, NORTHWAY

Monday	....	....a.m.	Dental.
		9-30—12 a.m.	Chiropody
		2-00—4 p.m.	Orthopaedic.
			Physiotherapy.
			Chiropody.
Tuesday	....	....a.m. & p.m.	Dental.
		9-30—12 a.m.	Child Welfare.
Wednesday	....	....a.m. & p.m.	Dental.
		a.m. & p.m.	Speech Therapy.
Thursday	....	....2-00—4 p.m.	Child Welfare.
		a.m. & p.m.	Dental.
Friday	....	....9-30—12 a.m.	Minor Ailments.
		a.m. & p.m.	Dental.

ORMSKIRK CLINIC, HANTS LANE

Monday	....	....9-30—12 a.m.	Minor Ailments.
		2-00—4 p.m.	Child Welfare.
		a.m.	Orthopaedic. Once month, alternate.
Tuesday	....	....9-30—12 a.m.	Dental.
		9-30—12 a.m.	Chiropody.
		2-00—4 p.m.	Chiropody.
		9-30—12 a.m.	Orthopaedic.
		2-00—4 p.m.	Dental.
		2-00—4 p.m.	Orthopaedic.
Wednesday	....	....2-00—4 p.m.	Minor Ailments.
		2-00—4 p.m.	Child Welfare.
Thursday	....	....4-00—6 p.m.	Dental. Alternate. (As from 18.1.65)
Friday	....	....9-30—12 a.m.	Ante-natal.
		a.m. & p.m.	Dental.

ST. GILES CHURCH HALL, AINTREE

Monday2-00—4 p.m.	Child Welfare Centre.
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GREAVES HALL, BANKS

Tuesday2-00—4 p.m.	Child Welfare Centre (2nd and 4th Tuesdays)
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LATHOM AND BURSCOUGH OLD COUNCIL OFFICES, BURSCOUGH

Thursday2-00—4 p.m.	Child Welfare Centre.
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METHODIST CHURCH HALL, LYDIATE

Wednesday2-00—4 p.m.	Child Welfare Centre.
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SCOUT HUT, WADDICAR LANE, MELLING

Tuesday2-00—4 p.m.	Child Welfare Centre. Alternate weeks.
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POST OFFICE, SCARISBRICK

Monday2-00—4 p.m.	Child Welfare Centre.
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FIRE STATION, TARLETON

Tuesday2-00—4 p.m.	Child Welfare Centre. (1st 3rd and 5th Tuesdays).
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WOMEN'S INSTITUTE, TOWN GREEN LANE, TOWN GREEN

Thursday10-0—12 a.m.	Welfare Foods only.
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The following is a list of Schools in the District :—

Division No.	SCHOOL	School No.	No. of children normally resident in the district attending the school
4	Hesketh-with-Becconsall C.E.	28	87 infants and juniors
4	North Meols Banks Methodist	24	99 infants and mixed
4	North Meols St. Stephens	25	69 infants and mixed
4	Tarleton Mere Brow C.E. ...	26	66 infants and mixed
4	Tarleton County	31	150 infants and juniors
4	Tarleton County Secondary ...	106	357 seniors
4	Tarleton C.E.....	27	132 infants and juniors
11	Aintree Davenhill County	31	406 infants and mixed
11	Aintree Holy Rosary Infants R.C.	35	386 infants and mixed
11	Aughton Christ Church	20	159 infants and mixed
11	Aughton Parochial	21	101 infants and juniors
11	Aughton Town Green County Prim.	37	42 infants and juniors
11	Bickerstaffe C.E.	13	101 infants and juniors
11	Bispham Durnings Endowed Prim.	24	63 infants and mixed
11	Halsall C.E.	26	107 juniors
11	Haskayne C.E.	25	55 infants and juniors
11	Lydiat R.C.	19	87 infants and mixed
11	Lydiat C.E.	18	50 infants and mixed
11	Lydiat County Primary	33	372 juniors and seniors
11	Maghull C.E.	16	570 infants and juniors
11	Maghull Ormonde Drive County Sec.	102	511 seniors
11	Maghull Deyes Lane County Secondary	100	544 seniors
11	Maghull St. Georges R.C.	17	258 infants and mixed
11	Maghull Hudson County	32	503 infants and juniors
11	Maghull Grammar	131	709 seniors
11	Maghull Northway County Primary	36	409 infants and juniors
11	Maghull Mater Misericordiae High School	4609	244 girls
11	Melling Aughton R.C.	14	42 infants and juniors
11	Melling C.E.	15	177 infants and juniors
11	Rufford C.E.	22	89 infants and mixed
11	Rufford Holmeswood Methodist	23	28 infants and juniors
11	Scarisbrick St. Marks C.E.	27	46 infants and juniors
11	Scarisbrick St. Marys R.C.	28	78 infants and juniors
11	Scarisbrick County	29	69 infants and juniors
12	Ince Blundell R.C.	26	20 infants and mixed
—	Netherton St. Benets R.C. Junior ...	3324	371 juniors
—	Netherton St. Benets R.C.	3328	207 infants and mixed
12	Sefton County Primary	27	40 infants and mixed
12	Thornton County Primary	9	134 infants and mixed
12	Thornton County Junior	17	274 juniors

SCHOOL HYGIENE

Necessary improvements are being carried out and it is satisfactory to record that only two more schools require the conversion of obsolete sanitary accommodation.

The health of the school child has, however, remained good and no large numbers of infectious diseases have occurred.

THE IMPROVEMENTS CARRIED OUT ARE :

AUGHTON CHRIST CHURCH

Central heating installed.

AUGHTON PAROCHIAL

Provision of indoor toilets

Hot water supply to washbasins (Junior Dept.)

BICKERSTAFFE C.E.

Provision of meals kitchen.

BISPHAM DURNINGS ENDOWED

Indoor washing facilities and drinking fountains provided.

MAGHULL C.E.

Hot water supply installed in old building.

MAGHULL GRAMMAR

Additional toilet accommodation for pupils and staff.

NORTH MEOLS ST. STEPHENS

Sinks, with cold water supply, installed in three classrooms.

SCARISBRICK ST. MARYS R.C.

New urinal for boys.

THE FOLLOWING IMPROVEMENTS AND REPAIRS ARE
REQUIRED :—

AINTREE HOLY ROSARY PRIMARY

Several large W.C. pedestals required in place of small W.C. pedestals.

AUGHTON CHRIST CHURCH

Additional toilets and wash basins.

AUGHTON PAROCHIAL

Resurfacing of playground
Hot water supply to wash basins (Infants Department)

BICKERSTAFFE C.E.

Resurfacing of playground.

BISPHAM DURNINGS ENDOWED

Provision of kitchen.

HASKAYNE C.E.

Resurfacing of playground

HESKETH-WITH-BECCONSALL C.E.

Removal of obsolete outside toilets.

INCE BLUNDELL R.C.

Hot water supply to wash basins.

LYDIATE C.E.

Hot water supply to wash basins.

LYDIATE R.C.

Conversion of existing pail closets to water closets urgently required.

MELLING AUGHTON R.C.

Conversion of existing pail closets to water closets urgently required.

MELLING C.E.

Inadequate toilet accommodation.

NETHERTON ST. BENETS R.C.

Additional toilet accommodation.
Increased playground accommodation.

SEFTON COUNTY PRIMARY

Provision of new kitchen.

TARLETON C.E.

Hot water supply to wash basins.

TARLETON COUNTY

Provision of a meals kitchen.

TARLETON MERE BROW C.E.

Increased classroom accommodation.
Increased toilet and kitchen accommodation.

Section C

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

SCARLET FEVER

Twenty-six cases of Scarlet Fever were notified during the year. It was not found necessary to remove any of them to hospital. The general policy is to remove to hospital such cases of Scarlet Fever as are living under overcrowded conditions, or in such circumstances that they become conveyors of infection through inefficient isolation.

The following table shows the incidence and mortality from Scarlet Fever during the past ten years :—

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
CASES	31	11	33	60	37	40	15	9	9	26
DEATHS	—	—	—	—	—	—	—	—	—	—

MEASLES

During the year 847 cases of Measles were notified. This was an increase on the figure for 1963.

The following table indicates the incidence and fatality of this disease during the past ten years :—

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
CASES	296	386	311	403	487	341	436	608	416	847
DEATHS	—	—	—	—	—	1	—	—	—	1

WHOOPING COUGH

Thirty cases of Whooping Cough were notified during the year, compared with seventy-three in 1963 and two in 1962.

ACUTE PNEUMONIA

There were no cases of Acute Pneumonia notified during 1964. There was one death from this disease.

There are no facilities locally for the typing of pneumococci and for the provision of appropriate type sera, such work being of necessity performed in one of the large towns adjacent to the District.

POLIOMYELITIS

There were no cases of Poliomyelitis notified during the year. No deaths were recorded.

FOOD POISONING

One case of Food Poisoning was notified during the year. No deaths were recorded.

TUBERCULOSIS

Summary of notifications under the Public Health (Tuberculosis Regulations, 1930) received during 1964.

Age Period Years	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
1— 5	—	—	—	—	—	—	—	—
6—10	—	—	—	—	—	—	—	—
11—15	—	—	—	—	—	—	—	—
16—20	—	—	1	—	—	—	—	—
21—25	1	—	—	—	—	—	—	—
26—35	1	2	—	—	—	—	—	—
36—45	1	1	—	1	—	—	—	1
46—55	1	—	—	—	—	—	—	—
56—65	1	1	—	—	—	—	—	—
over 65	1	—	—	—	1	—	—	—
Totals	6	4	1	1	1	—	—	1
	10		2		1		1	

CHEST CLINICS

“ ELLESMERE,” CROSBY ROAD NORTH, WATERLOO

Sessions are held on Mondays and Wednesdays at 2 p.m., and 9—12 a.m. on Thursdays.

A Children’s Clinic is held at 9 a.m. to 1 p.m. on Tuesdays, and a B.C.G. Clinic on Fridays at 9 a.m.

Dr. J. H. Gifford is the Tuberculosis Physician for the area.

CHEST CLINIC, ORMSKIRK & DISTRICT GENERAL HOSPITAL, ORMSKIRK

Sessions are held on Tuesdays at 9—12 a.m. and 1-30—5 p.m., and on Thursdays at 1-30—5 p.m.

Dr. D. N. Leeming is the Tuberculosis Physician in attendance.

Two Tuberculosis Health Visitors attend the Clinics and follow up patients in their own homes.

A Pulmonary Hospital is situated at New Hall, Scarisbrick.

The number of cases of Pulmonary Tuberculosis shows a decrease of one over the previous year.

The following table is an analysis of the occupations of the 12 new cases of Tuberculosis notified during 1964 :—

Occupation	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
Housewife	—	3	—	1
Joiner	1	—	—	—
Seaman	1	—	—	—
Buyer	1	—	—	—
Sales Director	1	—	—	—
Faultsman (Telephones)	1	—	—	—
None	1	—	1	—
Not known....	—	1	—	—
TOTAL	6	4	1	1

Nine houses, occupied by persons suffering from Tuberculosis, were inspected during the year. Five slept in separate bedrooms, one in separate bed and in three cases the patients did not have separate beds.

DIPHThERIA

It is satisfactory to be able to report that no cases of Diphtheria occurred in the Rural District during the year. There is no doubt that this is due to the energetic policy of Immunisation which has been carried out over the last ten years.

Central Clinics are held at certain of the schools in the Rural District where children from the neighbouring schools attend for immunisation treatment, together with pre-school children from the surrounding districts. In addition, monthly clinics are held at the Clinic, Hants Lane, Ormskirk, Aintree Clinic, Banks Clinic, Lydiate Clinic, Maghull Clinic, Melling Clinic, Scarisbrick Clinic and Tarleton Clinic.

DIPHThERIA IN THE WEST LANCASHIRE RURAL DISTRICT 1955-1964

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
CASES	—	—	—	—	—	—	—	—	—	—
DEATHS	—	—	—	—	—	—	—	—	—	—

DIPHThERIA IMMUNISATION

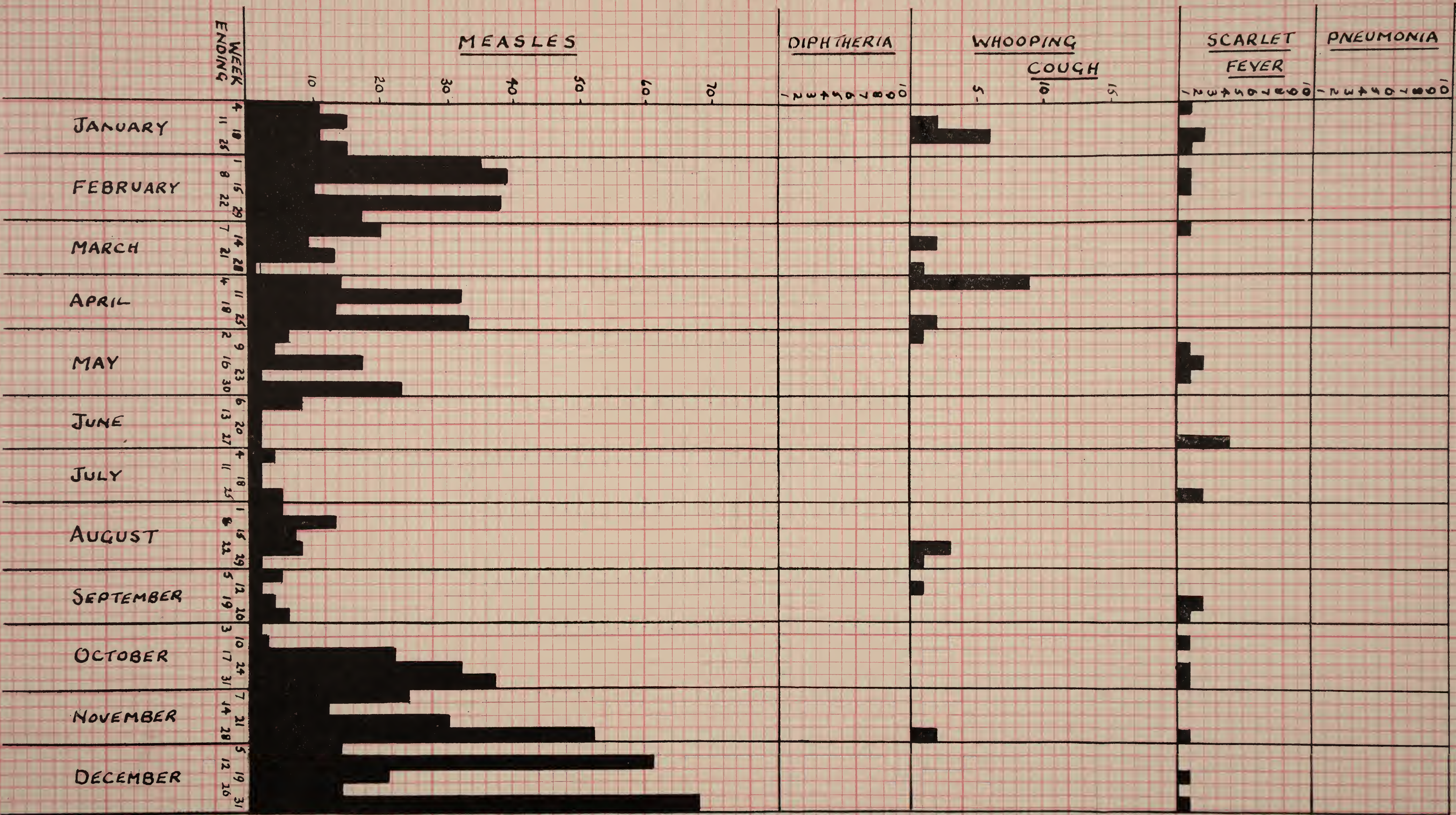
The number of children who have completed a full course of Immunisation during the year ending 31st December, 1964 is as follows :—

Children between the ages 0-4 years—977, and children between the ages 5-14 years—47, making a total of 1024.

DIPHThERIA INCIDENCE DURING 30 YEARS

5 Year Periods	Under 1	1	2	3	4	5-9	10-14	15-19	20-34	35-44	45-65	over 65	TOTAL at all ages
1931-1935	—	3	3	3	3	25	28	19	15	5	—	1	105
1936-1940	—	—	4	9	6	48	27	13	18	3	1	—	129
1941-1945	2	1	2	5	10	30	10	8	15	3	3	—	89
1946-1950	1	—	3	1	1	6	8	2	2	3	—	—	27
1951-1955	—	1	—	—	—	—	—	—	—	—	—	—	1
1956-1960	—	—	—	—	—	—	—	—	—	—	—	—	—
1961	—	—	—	—	—	—	—	—	—	—	—	—	—
1962	—	—	—	—	—	—	—	—	—	—	—	—	—
1963	—	—	—	—	—	—	—	—	—	—	—	—	—
1964	—	—	—	—	—	—	—	—	—	—	—	—	—

WEEKLY INCIDENCE OF INFECTIOUS DISEASES IN THE WEST
LANCASHIRE RURAL DISTRICT DURING 1964



DIPHTHERIA

Number of persons, in age groups, completely immunised, or found to be Schick Negative.

Age	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	
Under 1 Year	58	192	171	241	196	206	218	259	360	488	550	647	717	356	279	356	369	Total un- der 5 yrs. at end of 1964 4,260
1 Year	293	173	163	145	119	155	160	158	106	105	101	93	62	500	486	533	559	
2 "	51	22	27	24	20	40	36	37	21	24	10	22	24	61	16	32	32	
3 "	24	10	30	16	10	18	22	18	14	6	12	5	26	26	11	8	13	
4 "	19	10	19	13	10	23	15	18	22	11	2	8	17	19	11	10	4	
5 "	26	13	29	24	21	47	35	39	85	18	8	6	22	36	11	3	Total un- der 10 yrs. at end of 1964 3,330	
6 "	41	9	27	13	19	44	39	31	98	14	3	4	36	50	66	17		
7 "	5	7	16	9	7	29	17	10	61	3	1	1	16	53	5	11		
8 "	5	8	13	5	6	17	19	10	37	4	2	—	13	37	4	8		
9 "	4	9	7	2	9	10	6	5	33	1	1	1	9	18	4	13		
10 "	3	2	3	1	4	12	9	4	31	1	1	2	8	21	2	12	Total un- der 15 yrs. at end of 1964 2,640	
11 "	2	3	10	3	3	3	5	4	40	1	1	—	1	15	1	18		
12 "	2	1	4	1	—	11	1	6	27	2	—	—	—	7	1	4		
13 "	—	1	7	—	—	7	—	1	15	—	1	—	—	3	—	—		
14 "	—	—	1	—	—	6	—	2	6	—	1	—	—	1	—	—		
15 yrs. & over	—	1	4	1	—	2	—	1	5	1	—	1	—	2	1	—	1	Total over 15 yrs. at end of 1964-2260
TOTAL	533	461	531	498	424	630	582	603	961	679	694	790	951	1205	898	1025	1025	

The total number of children under 15 years now fully immunised 10,230

The following table shows the number, monthly distribution and nature of cases of Infectious Diseases coming under the notice of the Medical Officer of Health during 1964

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Removed to Hospital
Smallpox	—	4	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	85	108	39	92	52	14	18	30	17	96	118	178	847	1
Whooping Cough	8	—	3	11	1	—	—	4	1	—	2	—	30	15
Food Poisoning	—	—	—	—	—	7	1	—	—	—	—	—	1	—
Dysentery	—	—	—	—	—	—	2	—	—	—	1	1	12	3
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Monthly Totals	97	110	43	103	58	25	24	34	21	101	122	182	920	21

Table showing the number of Infectious Diseases occurring during the year in each Township in the Rural District and the number of deaths

	Acute Pneumonia		Scarlet Fever		Diphtheria		Enteric Fever		Para-typhoid Fever		Whooping Cough		Measles		Erysipelas		Puerperal Pyrexia		Poliomyelitis		Dysentery		Food Poisoning		Ophthalmia Neonatorum		Meningococcal Infection		Tuberculosis		TOTALS	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D		C	D
Aintree	-	-	2	-	-	-	-	-	-	-	4	-	80	-	-	-	1	-	-	-	1	-	-	-	-	-	4	-	-	-	92	-
Altcar	-	-	-	-	-	-	-	-	-	-	1	-	19	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	21	-	
Aughton	-	-	8	-	-	-	-	-	-	-	-	-	110	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	119	-	
Bickerstaffe	-	-	1	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	
Bispham	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Downholland	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Halsall	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	
Hesketh Bank	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	
Ince Blundell	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
Lydiate	-	-	6	-	-	-	-	-	-	-	4	-	95	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	107	-	
Maghull	-	-	9	-	-	-	-	-	-	-	19	-	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	271	-	
Melling	-	1	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	72	1	
Netherton	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	
North Meols	-	-	-	-	-	-	-	-	-	-	1	-	32	1	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	39	1	
Rufford	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	21	-	
Scarisbrick	-	-	-	-	-	-	-	-	-	-	1	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	
Sefton	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
Simonswood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tarleton	-	-	-	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	
Thornton	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	1	
Totals	-	1	26	-	-	-	-	-	-	1	30	-	847	1	1	-	1	-	-	-	-	12	-	1	-	-	12	2	-	932	4	

NOTIFIABLE DISEASES DURING THE YEAR 1964

NOTIFIABLE DISEASES	Total Cases at all Ages	TOTAL CASES NOTIFIED											Total Deaths	HOSPITAL		
		YEARS												Total Cases removed to Hospital	Deaths in Hospital of persons belonging to District	
		Under one Year	1	2	3	4	5-9	10-14	15-19	20-34	35-44	45-65				Over 65
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	26	—	—	—	—	2	20	3	1	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever	1	—	—	—	—	1	—	—	—	—	—	—	—	1	—	—
Puerperal Pyrexia	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Erysipelas	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Measles	847	34	99	109	138	117	337	11	2	—	—	—	—	1	15	—
Whooping Cough	30	3	7	1	3	5	10	1	—	—	—	—	—	—	—	—
Food Poisoning	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Dysentery	12	—	—	—	—	—	4	2	2	2	—	—	1	3	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	10	—	—	—	—	—	—	—	—	4	2	—	3	5	—	—
Non-Pulmonary Tuberculosis	2	—	—	—	—	—	—	—	1	—	1	—	—	1	1	1
Totals	932	37	106	110	141	125	371	17	7	6	5	5	2	27	4	1

Section D

REPORT OF CHIEF PUBLIC HEALTH INSPECTOR

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The following table summarises the water supply in the Rural District for the year ending 31st December, 1964.

SUMMARY OF WATER SUPPLIES FOR THE YEAR ENDING 31st DECEMBER, 1964.

PARISHES	SUPPLIED FROM PUBLIC MAINS							Other Supplies			Total Num-ber of houses and Percentages	
	Makerfield Water Board	Chorley Rural District Council	Liverpool Corporation	West Lancashire Water Board	St. Helens Corporation	Preston & District Water Board	TOTALS	Wells, Rainwater Tanks, etc.	Increase	Decrease	TOTAL NUMBER OF HOUSES	Percentages
Aintree	—	—	2233	—	—	—	2233	—	—	—	2233	100.0
Altcar	—	—	—	449	—	—	449	1	—	—	450	99.7
Aughton	—	—	—	2061	—	—	2061	—	—	—	2061	100.0
Bickerstaffe	6	—	5	429	1	—	441	2	—	1	443	99.5
Bispham	70	2	—	—	—	—	72	—	—	—	72	100.0
Downholland	—	—	—	295	—	—	295	—	—	—	295	100.0
Halsall	—	—	—	711	—	—	711	2	—	1	713	99.7
Hesketh Bank	—	—	—	—	—	663	663	—	—	—	663	100.0
Ince Blundell	—	—	157	12	—	—	169	1	—	—	170	99.4
Lydiate	—	—	—	1658	—	—	1658	3	—	3	1661	99.8
Maghull	—	—	—	6068	7	—	6075	—	—	1	6075	100.0
Melling	—	—	815	—	—	—	815	1	—	—	816	99.8
Netherton	—	—	101	—	—	—	101	—	—	—	101	100.0
North Meols	—	—	—	870	—	6	876	3	—	—	879	99.6
Rufford	—	—	—	455	—	—	455	—	—	—	455	100.0
Scarisbrick	—	—	—	991	—	—	991	4	—	—	995	99.5
Sefton	—	—	138	—	—	—	138	—	—	—	138	100.0
Simonswood	—	—	—	—	64	—	64	1	—	—	65	98.4
Tarleton	—	—	—	2	—	1090	1092	1	—	—	1093	99.9
Thornton	—	—	717	—	—	—	717	—	—	—	717	100.0
TOTALS	76	2	4166	14001	72	1759	20076	19	—	6	20095	99.9

BACTERIOLOGICAL EXAMINATION OF WATER

Main Supplies

Regular samples of all mains water supplies are taken by the Water Authorities throughout the year to ensure the purity of the supply. All these samples during 1964 showed a pure and wholesome water for human consumption.

All the supplies are adequate in quantity and there is no evidence of liability to plumbo-solvency in any of the waters.

1964 —SEWERAGE AND SEWAGE DISPOSAL

There are twenty-two sewage disposal works (fourteen large and eight small) throughout the rural district serving parts of and in some cases practically the whole of eighteen of the twenty parishes.

In the Kew area of Scarisbrick the dwellings adjoining the Southport boundary are sewered and drained into the County Borough. Work is also now in progress for the reception of domestic sewage from dwellings in the parish of Halsall into the Southport sewer.

Sewering has been completed in the Barrow Nook area of Bickerstaffe and parts of Simonswood, and all this property is now on the public sewer.

Work in sewerage parts of Tarleton, Mere Brow and Hesketh Bank has commenced and should be completed during 1965.

Schemes are now being considered for parts of Lydiate, Bickerstaffe, Altcar, Downholland, Scarisbrick and Halsall, and eventually all the hamlets throughout the district will be sewered.

The following conversions have been effected during the year :—

Privies to water closets	....	....	....	19
Pails to water closets	....	....	....	102
Privies to pails	....	....	....	—

SUMMARY OF CONVERSIONS FOR THE YEARS 1955-1964

Year	Privies to Water Closets	Pails to Water Closets	Privies to Pails	Ashpits to Bins
1955	15	51	6	72
1956	2	42	3	25
1957	21	43	82	39
1958	13	39	10	1
1959	14	25	36	8
1960	9	42	—	1
1961	12	57	—	8
1962	4	38	—	4
1963	16	61	—	—
1964	19	102	—	—

SANITARY CONVENIENCES 1964

PARISH	CLOSET ACCOMMODATION			REFUSE ACCOMMODATION	
	W.C's	Pails	Privies	Privy Middens	Bins
Aintree	2,233	—	—	—	2,233
Altcar	407	39	4	4	446
Aughton	1,993	47	21	21	2,040
Bickerstaffe	330	82	31	31	412
Bispham	34	—	38	38	34
Downholland	211	3	81	81	214
Halsall	526	9	178	178	535
Hesketh Bank	500	141	22	22	641
Ince Blundell	141	19	10	10	160
Lydiate	1,573	23	65	65	1,596
Maghull	6,033	10	32	32	6,043
Melling	758	50	8	8	808
Netherton	96	5	—	—	101
North Meols	758	47	74	74	805
Rufford	359	48	48	48	407
Scarisbrick	693	38	264	264	731
Sefton	117	15	6	6	132
Simonswood	34	21	10	10	55
Tarleton	846	169	78	78	1,015
Thornton	714	2	1	1	716
TOTALS	18,356	768	971	971	19,124
Percentage	91·33 %	3·83 %	4·84 %	4·84 %	95·16 %

TABLE SHOWING MATTERS DEALT WITH BY PUBLIC HEALTH INSPECTORS DURING THE YEAR 1964

PARISH	PUBLIC HEALTH ACT 1936.							WATER SUPPLY PUBLIC HEALTH ACT 1936			FOOD AND DRUGS ACT, 1955. FOOD HYGIENE (Gen.)REGNS. 1960		SHOPS ACT, 1950	FACTORIES ACT 1937	SCHOOLS	Total Number of Inspections
	Premises Inspected	Nuisances Found	Nuisances Abated	Informal Notices	Statutory Notices	Drains Cleared	Re-inspections	Section 137	Section 138	Samples Taken	Food Premises Inspections	Food Condemned lbs.	Inspections	Inspections	Inspections	
Aintree	8	12	10	5	—	23	13	4	—	—	88	—	45	24	3	208
Altcar	6	4	4	2	—	3	4	7	—	—	10	—	3	12	—	45
Aughton	11	8	8	6	1	26	21	122	—	—	69	—	33	6	2	290
Bickerstaffe	10	6	5	4	—	2	18	1	1	—	23	—	7	4	1	67
Bispham	4	2	2	2	—	—	6	—	—	—	6	—	3	1	1	21
Downholland	7	9	8	4	—	1	11	1	—	—	34	4000	13	2	2	70
Halsall	18	20	18	14	—	5	28	10	1	—	33	—	14	14	1	124
Hesketh Bank	30	26	24	20	1	—	41	18	—	—	39	38	22	8	1	159
Ince Blundell	5	1	1	3	—	1	1	8	—	—	2	—	3	1	1	22
Lydiate	12	10	9	8	—	20	24	31	—	—	59	—	23	9	3	181
Maghull	58	63	56	49	—	70	101	242	—	—	271	1202	116	20	6	884
Melling	31	23	19	21	—	2	40	20	—	—	41	4	23	18	3	178
Netherton	21	22	22	19	—	—	41	—	—	—	5	—	3	—	2	72
North Meols	38	41	37	29	3	—	44	28	—	6	61	37	27	8	3	215
Rufford	11	9	9	8	—	2	16	12	—	—	43	—	14	8	2	108
Scarisbrick	27	21	18	21	1	4	37	21	—	—	79	2069	23	10	3	204
Sefton	1	1	1	1	—	1	1	—	—	—	1	—	2	8	1	15
Simonswood	4	1	1	2	—	—	1	—	—	1	1	—	1	—	—	8
Tarleton	21	17	15	14	—	2	29	31	—	—	81	—	33	18	4	219
Thornton	7	4	4	4	—	9	3	8	—	—	29	—	12	2	2	72
TOTALS	330	300	271	236	6	171	480	564	2	7	975	7350	420	173	40	3162

Section E

HOUSING STATISTICS

Number of new houses erected during the year :	<i>Flats</i>	<i>Houses</i>
(i) By the local authority	—	37
(ii) By other local authorities	—	7
(iii) By other bodies or persons	30	490

1. Inspection of dwelling houses during the year :

(1) (a) Total number of dwelling houses inspected formally or informally for housing defects (under Public Health or Housing Acts)	433
(b) Number of inspections, formal or informal, made for the purpose	736
(2) Dwelling houses unfit for human habitation and not capable at reasonable expense of being rendered fit :	
(a) Number found during the year	18
(b) Number (or estimated number) at end of year	30
(3) Number of dwelling houses found during the year to be not in all respects reasonably fit for human habitation, but capable of being rendered fit	165

2. Clearance Areas (Housing Act, 1957)

(1) Number of dwelling houses demolished during year :	
(a) Unfit houses	—
(b) Other houses	—
(2) Number of persons displaced	—

3. Houses not included in Clearance Areas :

	<i>Number of</i>	
	<i>Houses</i>	<i>Persons Displaced</i>
(1) Houses demolished or closed during year.		
(a) Housing Act, 1957 :—		
(i) Demolished as a result of formal or informal procedure (Section 17(1))....	17	15
(ii) Closed in pursuance of an undertaking given by owners under Section 17(1) and still in force	—	—
(iii) Parts of building closed (Section 18)	—	—

(2) Repairs during the year :

(a) Unfit houses rendered fit and houses in which defects were remedied during the period as a result of informal action by the local authority under the Housing or Public Health Acts	<i>Houses</i>
	271

(b) Public Health Acts—action after service of formal notice—Houses in which defects were remedied :	<i>Houses</i>
(i) By Owners	6
(ii) By local authority in default of Owners	—
(c) Housing Act, 1957—action after service of formal notice (Sections 9 and 16)	
Houses made fit :	
(i) By Owners	3
(ii) By local authority in default of Owners	—
(d) Housing Act, 1957 (Section 24)	5
4. Unfit Houses in temporary use (Housing Act 1957)	
(1) Number of houses at end of year retained for temporary accommodation (Section 48)	—
(2) Number of separate dwellings contained in (1) above	—
(3) Number of houses at end of year licensed for temporary occupation (Section 34 or 53)	—
5. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958/64—Improvement Grants, etc.:	
Action during year	

	Private bodies or Individuals.		Local Authority.	
	Number of schemes.	Number of dwelling houses or other buildings affected.	Number of schemes.	Number of dwelling houses or other buildings affected.
(a) Submitted by private individuals to local authority	24	27	—	—
(b) Submitted by local authority to Ministry	—	—	—	—
(c) Finally approved by Ministry	—	—	—	—
(d) Work completed	23	26	—	—
(e) Additional separate dwellings included in (d) above	—	—	—	—

(f) Any other action taken under the Act.	Nil.
6. House Purchase and Housing Act, 1959 and Housing Acts, 1961 & 1964—Standard Grants.	

Action during year :

	No. of schemes	No. of dwellings or other buildings affected
(a) Submitted to local authority	61	61
(b) Approved by local authority	61	61
(c) Work completed	55	55

SLUM CLEARANCE

In 1955, from statistics available in the Rural Housing Survey, there were 88 houses to be dealt with by way of demolition throughout the district during the period 1955-1960.

The position at the present time is that since 1955, a total of 224 individually unfit houses have been dealt with formally and informally by way of demolition or closing orders.

It will be seen from these figures that a continuous process or review has been maintained on the poorer type of dwelling, and when appropriate, representations have been placed before Council.

It is interesting to note that in the same period, i.e., 1955-1965, a total of 375 houses have been improved with the aid of grants, both standard and discretionary.

Most certainly, many of these houses have been saved from falling into a serious state of disrepair and ultimate demolition, and their useful life extended for many years to come.

It is expected that steady progress will be maintained throughout the ensuing years by constantly reviewing the housing conditions throughout the district.

Section F

INSPECTION AND SUPERVISION OF FOOD

1. Food Hygiene

The task of bringing all food premises up to the prescribed standard as required by the Food Hygiene (General) Regulations, 1960 has been completed, but the greatest problem remains—the education of the food handler. It will be a long and hard task by the Public Health Inspectors, who will require tact, patience and time. It is only when this problem has been resolved that the Food Hygiene Regulations will be successful. Education of shopkeepers in connection with clean food has been carried out by means of individual talks on the premises and by distribution of suitable pamphlets, descriptive posters from the Central Council for Health Education, Press and Television propaganda also have a considerable impact on the public. Evidence of the good such propaganda achieves is shown by the number of inquiries by the general public on food to the Health Department.

2. Premises where food is sold, prepared or stored.

Constant supervision of all premises where food is sold, prepared or stored is one of the major activities of the Public Health staff and nine hundred and seventy-five inspections were made during the year. Good co-operation exists between the inspectors and the occupiers of food premises and any contravention of the Food Hygiene Regulations is generally rectified without recourse to legal action.

New shopping centres still continue to be erected to serve the new housing estates, and these shops have all the facilities available to provide a very high standard of hygiene.

Twenty-six schools in the area are now provided with kitchens where meals can be prepared on the premises. They are a tremendous improvement on the old improvised “wash-up” accommodation, and equally important, provide a more appetising meal to the schoolchild.

It is hoped that all schools will possess these kitchens in the near future and that adequate hot water will be provided to the washbasins in all schools so that pupils will be able to wash satisfactorily.

The district possesses many agricultural premises where poultry are dressed and plucked, and several farms where vegetables are washed, prepared and packed for market.

Seventy-eight premises are registered for the boiling and peeling of shrimps' and all these premises comply with the food hygiene standards.

Thirty-six samples of shellfish from the two shellfish factories in the area were submitted for bacteriological examination and all were found to be satisfactory. These two factories are fitted with the most modern equipment and so constructed as to provide a very high standard of cleanliness.

Byelaws under Section 15, Food and Drugs Act, 1955, are in operation for securing observance of sanitary and cleanly conditions and practices in connection with the handling, wrapping and delivery of food sold.

There are eighty-one known hawkers vehicles and premises registered with this Authority under the Lancashire County Council (General Powers) Act, 1951. Supervision and registration of this itinerant trader is difficult, but during the year there was no increase in the registered number of hawkers. In fact, the number will probably decline as more shops are built conveniently accessible to the customer.

3. Ice Cream

There are no manufacturers of ice cream in the area, but one hundred and forty-seven shopkeepers are registered to sell wrapped ice cream.

Six samples of ice cream were obtained from shops and all were found to be satisfactory.

4. Milk Supply

The rural district has been in a specified area since 1959, and this in effect means that only milk which has been heat treated to prescribed standards or raw milk from tuberculin tested herds can only be sold.

There is one milk pasteurising plant within the district and this is frequently inspected by Lancashire County Council officials who are responsible for the sampling of the milk and inspection of the plant.

5. Meat and Food Condemnation

The following meat and other foods were condemned during the year :—

PLACE	WEIGHT CONDEMNED		
	tons	cwts	lbs.
Various retail shops and other food premises	3	5	70

TYPES OF FOOD PREMISES

The following is a list of the types of food premises in the area : —

Cafés and Catering Establishments	59
Butchers	22
Fish & Poultry	5
Grocers	108
Licensed Premises	50
Off Licence Shops	9
Greengrocers	22
Sweets	48
Fish & Chips	11
Confectionery	13
Schools with kitchens	25
Schools with washing up facilities	14
Works canteens	11
Food Factories	10
Clubs	14

FOOD AND DRUGS ACTS, 1955

The Lancashire County Council Sampling Officer obtained a total of 229 samples of food during the year.

Of this total, 80 were milk, the remainder comprising :—

3 Marmalade	5 Meat canned
4 Butter	3 Cream, sterilised, canned
4 Pork sausages	1 Cooking oil
2 Cough medicine	3 Camphorated oil B.P.
3 Beef sausages	2 Zinc ointment B.P.
4 Meat paste	1 Ginger beer
4 Mustard compound	1 Orange drink, canned
3 French mustard	1 Chicken spread with butter
2 Glycerine B.P.	3 Bicarbonate of soda B.P.
3 Blackcurrant syrup with Vitamin C.	1 Tapioca
5 Gravy browning	1 Semolina
4 Margarine	2 Sauce
2 Coffee	3 Lard
4 Malt and cocoa beverage	1 Cooking salt
4 Fish, canned	1 Health salts
1 Liquid seasoning	1 Epsom salts B.P.
4 Canned fruit	3 Biscuits
1 Caster sugar	1 Jelly marmalade
1 Malted milk powder	2 Peeled shrimps in brine
1 Gravy salt	1 Aludrox
1 Gravy powder	2 Black treacle
1 Apple juice	1 Milk, condensed, full cream, unsweetened
1 Brown sugar	2 Mystery meal, canned
2 Cooking fat	2 Fruit, dried
3 White pepper	2 Salad cream
1 Sugar	2 Baking powder
1 Vinegar	4 Table jelly
1 Self raising flour	1 Mixed spice, ground
3 Plain flour	2 Jam
2 Cheese	1 Mincemeat
1 Brown ale	2 Marzipan
1 Pale ale	1 Scotch ale
2 Stout	2 Cocoa
1 Shredded beef suet	1 Lentils
1 Sago	1 Vegetables, dried
1 Rice	1 Olive oil B.P.
1 Mixed cut peel	1 Headache tablets
1 Honey spread	

All the above samples were reported by the County Analyst to be genuine, with the exception of the following :—

SAMPLE	RESULT OF ANALYSIS	ACTION TAKEN
1 Brown sugar	Contained 6 gms. of hard lumps of sugar contaminated with sugar cane debris, diatoms, etc., probably from clarifying process.	Packers informed.
1 Canned fruit	Slight hydrogen swell. Appearance of old stock.	Further samples obtained.
1 Informal milk	Contained 0.02 international units penicillin per ml. Low in solids-not-fat.	Dairy informed.

1 Informal milk	Contained 0.03 international units penicillin per ml. Low in solids-not-fat.	Dairy informed.
1 Informal milk	Contained 0.05 international units penicillin.	Dairy informed.
1 Informal milk	Freezing point indicated presence of 2.6% extraneous water.	Vendor cautioned.
1 Informal milk	Fat content 3.9%, deficient 2.5% fat.	Vendor notified. Further sample obtained
1 Peeled shrimps in brine, canned	Contained 555 parts per million benzoic acid.	Formal sample taken.
2 Mystery meal, canned	Sold without label, i.e. (a) No name of the food; (b) No list of ingredients; (c) No name and address or trade mark; (d) No declaration of net weight.	Vendor cautioned. Stock withdrawn from sale.
1 Peeled shrimps in brine, canned	Benzoic acid 610 parts per million by weight of sample	Legal proceedings instituted. Packers fined £5 and ordered to pay £18.5s.0d. costs.
1 Gravy browning	Bottle not labelled "Food Colour."	Manufacturer notified.
1 Marzipan	Nut base deficient approximately 5% almond oil.	Manufacturer notified.
1 Plain flour	Creta praeparata only 72 mgms. per 100 grammes. Iron content only 1.3 mgms. per 100 grammes. Limits—creta praeparata 235-390 mgms. per 100 grammes and iron not less than 1.65 mgms. per 100 grammes.	Millers notified.
1 Shredded beef suet	Beef fat content only 79%. Should be 83%.	Manufacturer notified.

FACTORIES

The total number of factories with and without mechanical power is 176.

173 inspections were made and 26 defects found, 26 defects being remedied.

1. Inspections

Premises	Number on Register	Number of		
		In-spections	Written Notice	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	26	34	3	—
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority	125	112	16	—
(iii) Other premises in which Sec. 7 is enforced by Local Authority	25	27	7	—
TOTAL	176	173	26	—

2. Defects Found

Particulars	Number of cases in which defects were found				Number of cases in which Prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (Sec. 1)	11	11	—	4	—
Overcrowding (Sec. 2.)	—	—	—	—	—
Inadequate ventilation (Sec. 4)	—	—	—	—	—
Ineffective drainage of floors (Sec. 6)	—	—	—	—	—
Sanitary conveniences (Sec. 7)					
(a) Insufficient	4	4	—	—	—
(b) Unsuitable or defective	11	11	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act	—	—	—	—	—
TOTALS	26	26	—	4	—

THE RENT ACT, 1957.

Part I—Applications for Certificates of Disrepair

1. Number of applications for Certificates Nil
2. Number of decisions not to issue Certificate Nil
3. Number of decisions to issue Certificates
 - (a) In respect of some but not all defects Nil
 - (b) In respect of all defects Nil
4. Number of Undertakings given by Landlords under paragraph 5 of the 1st Schedule Nil
5. Number of Undertakings refused by Local Authority under proviso to paragraph 5 of the 1st Schedule Nil
6. Number of Certificates issued Nil

Part II—Applications for Cancellation of Certificates

7. Applications by Landlords to Local Authority for Cancellation of Certificates Nil
8. Objections by tenants to Cancellation of Certificate Nil
9. Decisions by Local Authority to cancel in spite of tenants objections Nil
10. Certificates cancelled by Local Authority Nil

Part III—Applications for Certificates as to the Remedying of Defects Specified in a Landlords Undertaking to Remedy Defects

11. Applications by tenant Nil
12. Applications by owner 6
13. Certificates granted to tenant Nil
14. Certificates granted to owner 6

Work in relation to this Act has steadily decreased from year to year, and during 1964 there were no applications for Certificates of Disrepair, and only six applications for Certificates as to the remedying of defects as specified in the landlords undertaking to remedy repairs. These six applications were from owners or agents willing to pay the required fee so as to utilise the service of the Public Health Inspectors to check on work carried out by the contractors.

Maintenance work on the larger housing estates appears to be carried out without the necessary form filling procedure of the Act.

CLEAN AIR ACT, 1956

Observations of chimneys appertaining to industrial plants were continued during the year for the emission of dark smoke, and generally it can be stated that there is little air pollution from such sources.

The majority of atmospheric pollution in the more densely populated Parishes is due to domestic chimneys.

Some applications for Certificates of Approval for new boiler equipment were approved and where necessary, advice has been given regarding chimney heights.

THE PREVENTION OF DAMAGE BY PESTS ACT, 1949

Under the above Act, powers affecting the control of rats and mice were vested in the Local Sanitary Authority who therefore must take all necessary measures to ensure the freedom from rats and mice in their areas. It also lays down the duties of owners and occupiers where infestations occur.

In order to try and achieve this aim, the Council employ one full-time rodent operative and render a free service for rodent infestations at private dwellings. Business premises and agricultural premises are treated at an expenditure incurred valuation.

Every reported infestation of rats or mice is investigated and, in addition, twice annually the sewerage system is treated to control any infestation.

Treatments recommended by the Ministry of Agriculture and Fisheries are employed and good co-operation exists with the Ministry Officials over this work.

Many complaints are received from house owners on new housing estates where agricultural land has been developed and the vermin have been disturbed from their customary habitats.

Other infestations are found on refuse tips, farms and other agricultural holdings. The majority of farmers appear quite competent in eradicating the vermin, especially now that approved simple to use baits are available.

REPORT FOR THE YEAR ENDING 31st DECEMBER, 1964
PREVENTION OF DAMAGE BY PESTS ACT, 1949

	TYPE OF PROPERTY Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses	All Other (Including Business Premises)	Total of Cols. (1) (2) and (3)	
(1) Number of properties in Local Authority's District	12	20,095	751	20,858	676
(2) Number of properties inspected as a result of:— (a) Notifications	—	286	45	331	25
(b) Survey under Act	12	947	53	1,012	51
(c) Otherwise (visits primarily for other purposes)	5	721	326	1,052	83
(3) Total inspections carried out	17	1,954	424	2,395	159
(4) Number of properties inspected and found to be infested by:— (a) Rats { major minor	—	—	—	—	—
(b) Mice { major minor	8	208	32	248	12
	—	—	—	—	—
	--	21	13	34	3
(5) Number of infested properties treated by Local Authority	8	229	45	282	15
(6) Total treatments carried out including re-treatments	12	241	56	309	17
(7) Number of notices served under Section 4 of the Act:— (a) Treatment	—	—	2	2	—
(b) Structural Work	—	7	3	10	—
(8) Number of cases in which default action was taken following the issue of a notice under Section 4 of the Act	—	--	--	--	—
(9) Legal proceedings	—	--	—	—	—
(10) Number of “ Block ” control schemes carried out	—	—	—	—	—

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

The table below gives the actual number of registered premises and numbers employed in these registered premises for each Parish, together with a grand total for the whole of the area.

The first eight months (May-December) have been spent in compiling the register of premises, this work resulting in many visits and interviews with occupiers and owners.

The register is practically complete and during 1965 detailed inspections will be carried out.

LIST OF REGISTERED PREMISES AND NUMBER OF EMPLOYEES 31st DECEMBER, 1964

Parish	Offices	Retail Shops	Wholesale Shops Warehouses	Catering Establishments Canteens	Fuel Storage Depots	Total	Males	Females	Totals
Aintree	13	30	1	7	—	51	209	1113	1322
Altcar	—	—	—	—	—	—	—	—	—
Aughton	1	7	—	9	—	17	22	47	69
Bickerstaffe	1	1	—	2	—	4	4	15	19
Bispham	—	—	—	—	—	—	—	—	—
Downholland	2	1	1	5	—	9	14	31	45
Halsall	4	2	—	2	—	8	12	18	30
Hesketh Bank	5	3	—	2	—	10	30	23	53
Ince Blundell	—	—	—	1	—	1	4	1	5
Lydiate	3	10	1	4	1	19	23	53	76
Maghull	36	93	2	9	—	140	144	419	563
Melling	1	4	—	4	—	9	9	30	39
Netherton	—	—	—	—	—	—	—	—	—
North Meols	5	5	4	—	—	14	22	13	35
Rufford	1	2	1	4	1	9	18	26	44
Scarisbrick	5	2	2	4	—	13	26	31	57
Sefton	2	1	—	1	—	4	15	14	29
Simonswood	—	—	—	1	—	1	2	6	8
Tarleton	4	8	1	3	—	16	39	33	72
Thornton	—	8	—	2	—	10	18	47	65
TOTAL	83	177	13	60	2	335	611	1920	2531

